# Scientific American Supplement, No. 483, April 4, 1885



Filesize: 5.83 MB

# Reviews

An extremely great ebook with perfect and lucid answers. This is certainly for anyone who statte that there was not a well worth looking at. Its been designed in an exceptionally simple way and is particularly only soon after i finished reading through this ebook in which actually transformed me, modify the way in my opinion.

(Libbie Farrell)

### SCIENTIFIC AMERICAN SUPPLEMENT, NO. 483, APRIL 4, 1885



To save **Scientific American Supplement, No. 483, April 4, 1885** PDF, remember to refer to the button under and download the ebook or have access to additional information which might be relevant to SCIENTIFIC AMERICAN SUPPLEMENT, NO. 483, APRIL 4, 1885 book.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. Excerpt: . but at the same time the steam boiler losing steam above, and not being influenced as quickly by the increased heat below, showed a decrease of temperature. The difference of the two temperatures, which was at starting 1.3 deg. Cent., consequently increased to 7.2 deg. Cent, after 17 min., the boiler having then its lowest temperature of 148.8 deg. Cent. After that both temperatures rose together, the difference between them increasing slightly to 9.5 deg. Cent., and then decreasing continually. After 2 hours 13 min., when the engine had made 12,000 revolutions, the soda solution had reached a temperature of 170.3 deg. Cent., which proved to be its boiling point. The steam from the engine was now blown off into the open air during the next 24 min. This lowered the temperature of both water and soda lye by 10 deg. and re-established its absorbing capacity. The steam produced under these circumstances had of course a smaller pressure than before, in this way the engine could be driven at reduced steam pressures until the resistance became relatively too great. The process described above is illustrated by the diagram Fig. 1, which is drawn according to the observations during the experiment. FIG. 1. FIG. 2. The constant rise of both temperatures during the first two hours, which is an undesirable feature of this experiment, was caused by the quantity of soda lye being too great in proportion to that of water, and other experiments have shown that it is also caused by an increased resistance of the engine, and consequent greater consumption of steam. In the latter part of the experiment, where the engine worked with expansion,...



Read Scientific American Supplement, No. 483, April 4, 1885 Online Download PDF Scientific American Supplement, No. 483, April 4, 1885

# You May Also Like



#### [PDF] Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)

Follow the hyperlink listed below to get "Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)" file.

Download Book >



#### [PDF] The Lifestyle Business Rockstar!: Quit Your 9 -5, Kick Ass, Work Less, and Live More!

Follow the hyperlink listed below to get "The Lifestyle Business Rockstar!: Quit Your 9 - 5, Kick Ass, Work Less, and Live More!" file.

Download Book >



#### [PDF] Weebies Family Halloween Night English Language: English Language British Full Colour

Follow the hyperlink listed below to get "Weebies Family Halloween Night English Language: English Language British Full Colour" file.

Download Book »



[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Follow the hyperlink listed below to get "Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" file.

Download Book »



[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Follow the hyperlink listed below to get "Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" file.

Download Book »



## [PDF] MY FIRST BOOK OF ENGLISH GRAMMAR 3 IN 1 NOUNS ADJECTIVES VERBS AGE 5+

Follow the hyperlink listed below to get "MY FIRST BOOK OF ENGLISH GRAMMAR 3 IN 1 NOUNS ADJECTIVES VERBS AGE 5+" file.

Download Book >